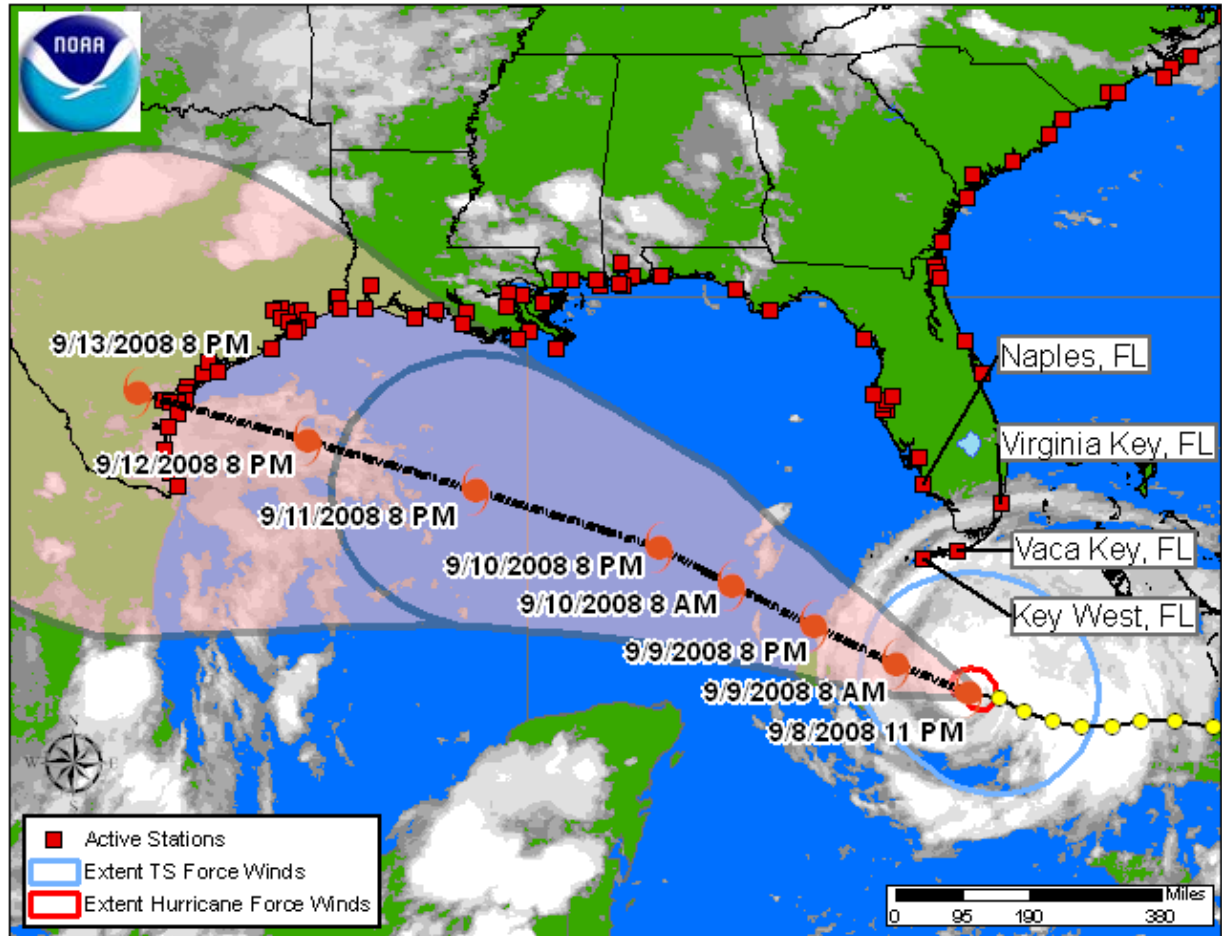




Hurricane IKE QuickLook  
Posted: 00:00 EDT 09/09/2008

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 09/09/2008 00:00 EDT, water levels are increasing across southern Florida and the Florida Keys. Water levels are currently 1.0 feet above predicted at Key West, FL. Winds are increasing with gusts up to 33 mph measured at Vaca Key, FL. Barometric pressure is falling across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Virginia Key, FL: Next predicted high tide is 2.03 ft (0.62 m) at 09/09/2008 04:36 EDT.

Vaca Key, FL: Next predicted high tide is 1.02 ft (0.31 m) at 09/09/2008 08:21 EDT.

Key West, FL: Next predicted high tide is 1.84 ft (0.56 m) at 09/09/2008 05:15 EDT.

Naples, FL: Next predicted high tide is 2.24 ft (0.68 m) at 09/09/2008 00:06 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: CM

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**HURRICANE IKE ADVISORY NUMBER 32**

**1100 PM EDT MON SEP 08 2008**

**...IKE CONTINUES TO HUG THE SOUTH COAST OF CUBA...BANDS OF HEAVY SQUALLS NEARING THE FLORIDA KEYS...**

**A TROPICAL STORM WARNING IS IN EFFECT FOR THE FLORIDA KEYS FROM OCEAN REEF SOUTHWARD TO THE DRY TORTUGAS INCLUDING FLORIDA BAY. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.**

**INTERESTS IN SOUTH FLORIDA AND THE YUCATAN PENINSULA SHOULD MONITOR THE PROGRESS OF IKE.**

**AT 1100 PM EDT THE CENTER OF HURRICANE IKE WAS LOCATED NEAR LATITUDE 21.8 NORTH, LONGITUDE 80.8 WEST OR ABOUT 20 MILES SOUTHEAST OF PLAYA GIRON ON THE SOUTH COAST OF WEST-CENTRAL CUBA AND ABOUT 140 MILES SOUTHEAST OF HAVANA CUBA.**

**IKE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 13 MPH AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT DAY OR TWO. ON THIS TRACK THE CENTER WILL CROSS WESTERN CUBA DURING THE DAY ON TUESDAY AND MOVE INTO THE SOUTHEASTERN GULF OF MEXICO TUESDAY EVENING OR TUESDAY NIGHT.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 80 MPH WITH HIGHER GUSTS. IKE IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. SOME INCREASE IN STRENGTH IS POSSIBLE AS LONG AS THE CENTER REMAINS OVER THE WATERS TO THE SOUTH OF CUBA. STRENGTHENING IS LIKELY WHEN IKE MOVES INTO THE GULF OF MEXICO.**

**HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 35 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175 MILES.**

**ESTIMATED MINIMUM CENTRAL PRESSURE IS 967 MB.**

**STORM SURGE FLOODING OF 1 TO 3 FEET ALONG WITH LARGE AND DANGEROUS WAVES ARE POSSIBLE IN THE FLORIDA KEYS.**

**LARGE SWELLS GENERATED BY IKE WILL CONTINUE TO AFFECT PORTIONS OF THE**

**SOUTHEAST UNITED STATES COAST DURING THE NEXT COUPLE OF DAYS. THESE WAVES COULD GENERATE DANGEROUS AND LIFE-THREATENING RIP CURRENTS.**

**RAINFALL ACCUMULATIONS OF 1 TO 3 INCHES ARE POSSIBLE OVER THE FLORIDA KEYS.**

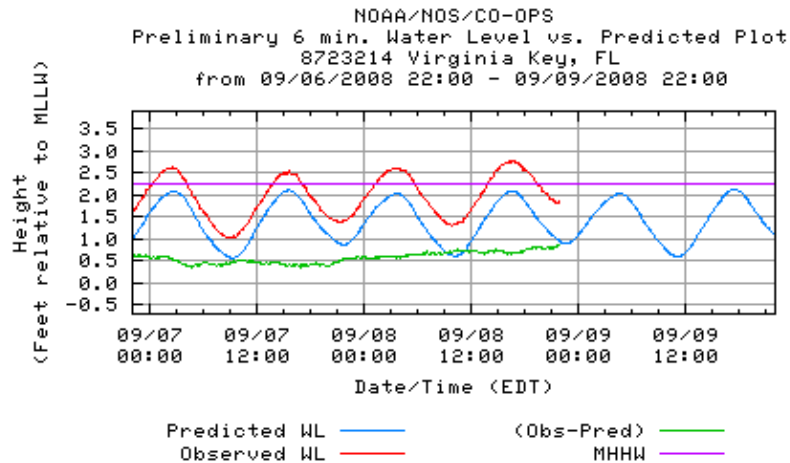
**ISOLATED TORNADOES AND WATERSPOUTS ARE POSSIBLE OVER THE FLORIDA KEYS AND EXTREME SOUTH FLORIDA OVERNIGHT AND ON TUESDAY.**

**FORECASTER PASCH/BERG**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Virginia Key - Water Level](#), [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#), [Key West - Water Level](#), [Key West - Winds](#), [Key West - Barometric](#), [Key West - Air/Water Temp](#), [Naples - Water Level](#), [Naples - Winds](#), [Naples - Barometric](#), [Naples - Air/Water Temp](#),

**Virginia Key, FL - Station Map** [Return to List](#)

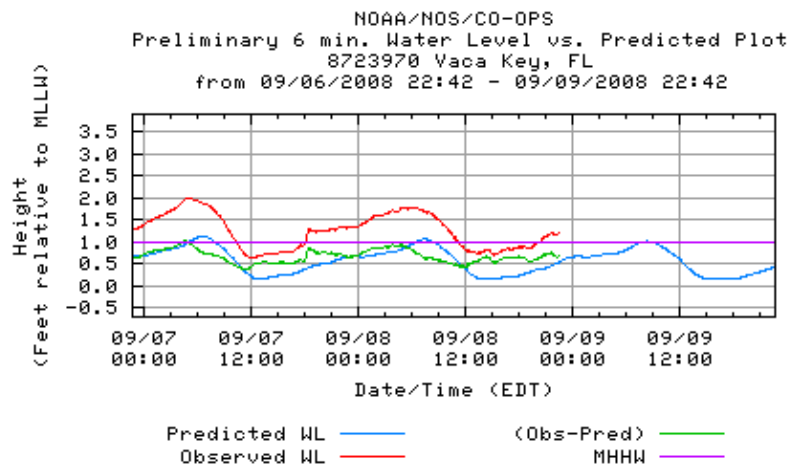


Last Observed Sample: 09/08/2008 21:48 (EDT)

Relative to **MLLW**: **Observed: 1.81 ft. Predicted: 0.96 ft. Residual: 0.85 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

**Vaca Key, FL - Station Map** [Return to List](#)

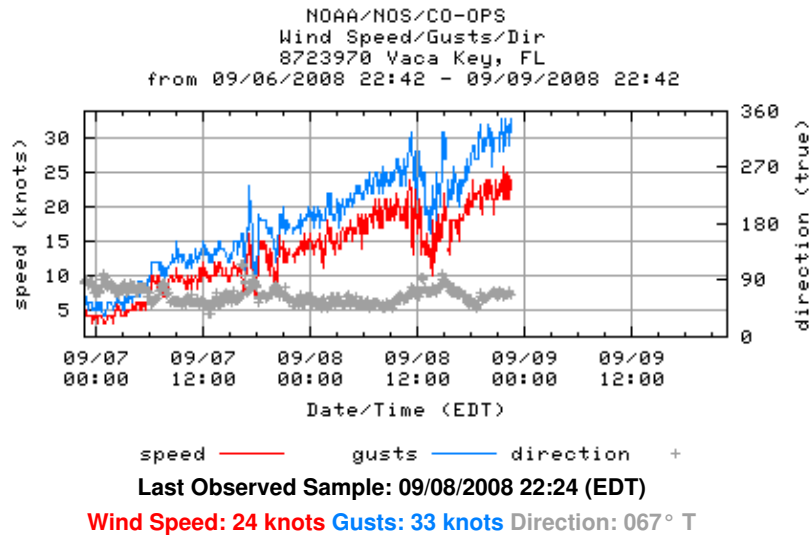


Last Observed Sample: 09/08/2008 22:24 (EDT)

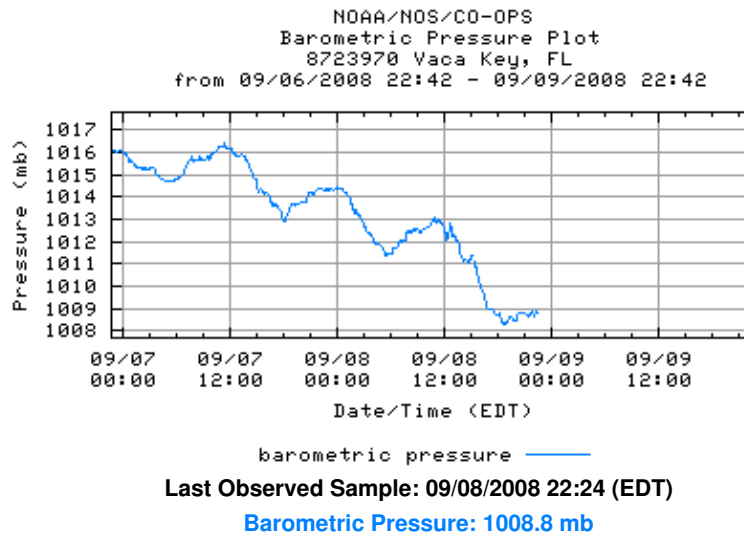
Relative to **MLLW**: **Observed: 1.20 ft. Predicted: 0.52 ft. Residual: 0.68 ft.**

Historical Maximum Water Level: 10/07/1974, 1.42 ft. above **MHHW**

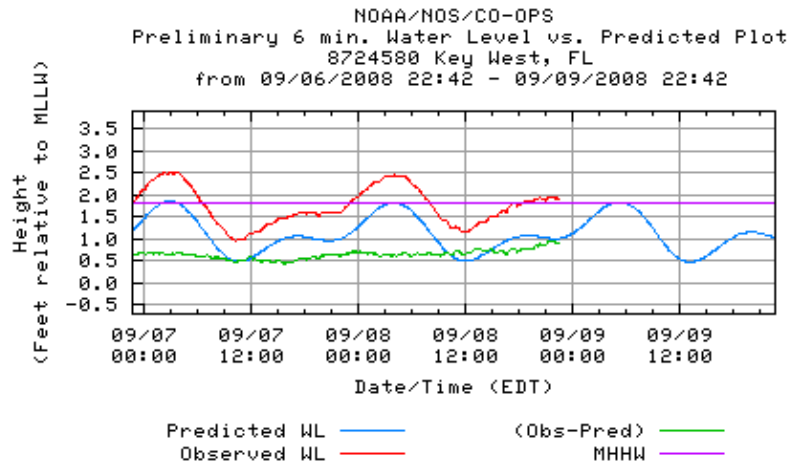
**Vaca Key, FL - Station Map** [Return to List](#)



**Vaca Key, FL - Station Map** [Return to List](#)



**Key West, FL - Station Map** [Return to List](#)

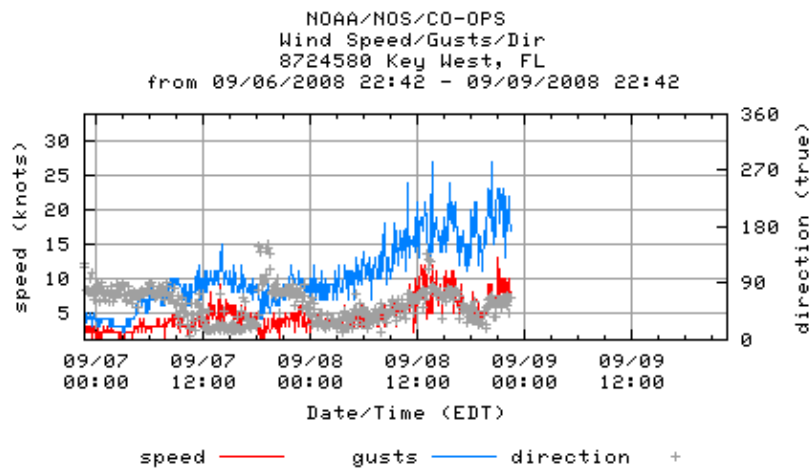


Last Observed Sample: 09/08/2008 22:24 (EDT)

Relative to **MLLW**: **Observed: 1.92 ft. Predicted: 1.01 ft. Residual: 0.91 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

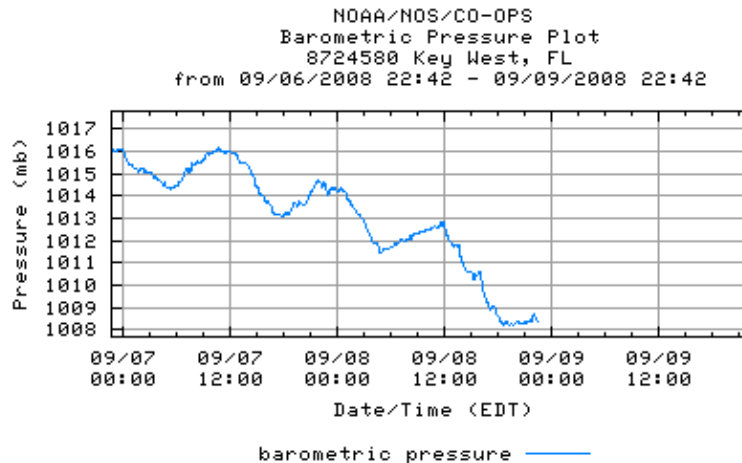
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/08/2008 22:24 (EDT)

**Wind Speed: 8 knots Gusts: 17 knots Direction: 068° T**

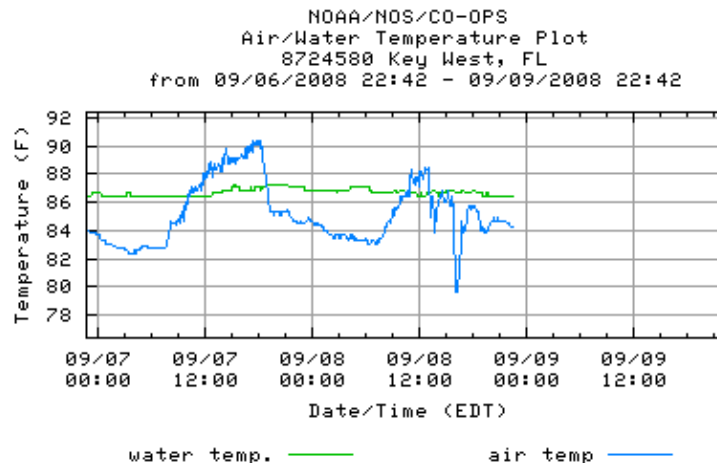
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/08/2008 22:24 (EDT)

Barometric Pressure: 1008.4 mb

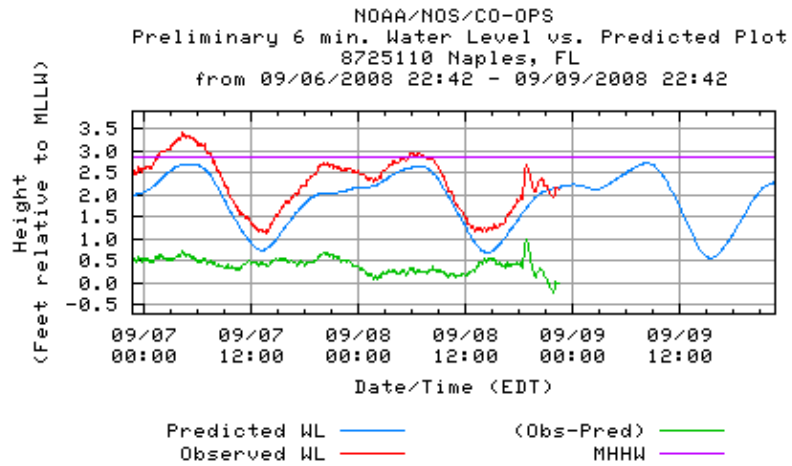
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/08/2008 22:24 (EDT)

Water Temperature: 86.4° F Air Temperature: 84.2° F

**Naples, FL** - [Station Map](#) [Return to List](#)



Last Observed Sample: 09/08/2008 22:24 (EDT)

Relative to **MLLW**: **Observed: 2.14 ft.** **Predicted: 2.17 ft.** **Residual: -0.03 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

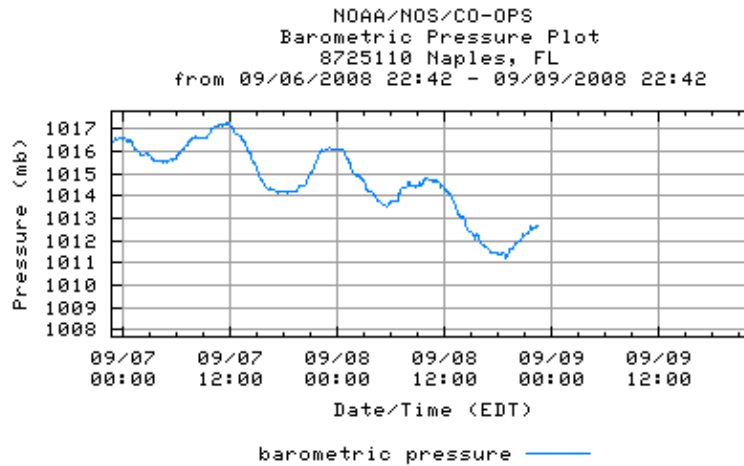
**Naples, FL** - [Station Map](#) [Return to List](#)

Last Observed Sample: 09/08/2008 22:24 (EDT)

**Wind Speed: 7 knots** **Gusts: 10 knots** Direction: 053° T



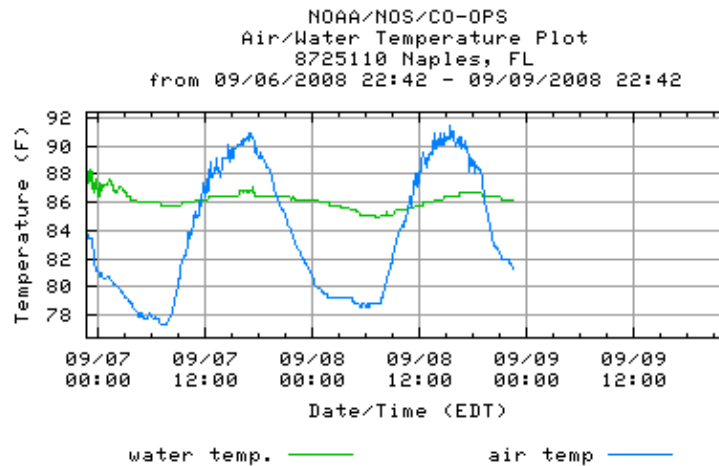
**Naples, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/08/2008 22:24 (EDT)

Barometric Pressure: 1012.7 mb

**Naples, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/08/2008 22:24 (EDT)

Water Temperature: 86.2° F Air Temperature: 81.3° F

## Hurricane IKE QuickLook, POSTED 00:00 EDT 09/09/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce